

IN THE CLAIMS:

Please **CANCEL** claim 2 without prejudice or disclaimer, and **AMEND** claims 1, 3, 5, 9-12, 15, 16, 18, 20, 24 and 26 in accordance with the following:

1. (CURRENTLY AMENDED) A recordable information storage medium with respect to which a recording and/or reproducing apparatus, including a drive following a version of standards that is older than that of the information storage medium, transfers-records data, the information storage medium recording-medium comprising:

a lead-in area;

a user data area; and

a lead-out area,

wherein:

compatibility information about whether the information storage medium is compatible with a-the drive following a version of standards older than that of the information storage medium is recorded in at least one of the lead-in and lead-out areas and is used by the recording and/or reproducing apparatus in the transferring-recording of the data to the information storage medium, and

when the information storage medium is operable in the drive, the information storage medium stores information about an optimal writing pattern to be used to record the data.

2. (CANCELED)

3. (CURRENTLY AMENDED) The information storage medium of claim 1, wherein the information storage medium further stores strategy information about which one of a multi-pulse write strategy and a single-pulse write strategy is used to record the data.

4. (ORIGINAL) The information storage medium of claim 1, wherein at least one of the lead-in and lead-out areas includes a reproduction-only area, and the compatibility information is recorded in the reproduction-only area.

5. (CURRENTLY AMENDED) The information storage medium of claim 4, wherein the reproduction-only area is a disk-control data zone which stores disk-related

information used to control the information storage medium.

6. (ORIGINAL) The information storage medium of claim 4, wherein the compatibility information is reproduced as one of a sum signal and a differential signal.

7. (ORIGINAL) The information storage medium of claim 1, wherein at least one of the lead-in and lead-out areas includes a recordable area, and the compatibility information is recorded in the recordable area.

8. (ORIGINAL) The information storage medium of claim 7, wherein the compatibility information is reproduced as a sum signal.

9. (CURRENTLY AMENDED) A recordable information storage medium with respect to which a recording and/or reproducing apparatus transfers data, the information storage medium comprising:

a lead-in area;

a user data area; and

a lead-out area, wherein compatibility information about whether the information storage medium is compatible with a drive following a version of standards older than that of the information storage medium is recorded in at least one of the lead-in and lead-out areas and is used by the recording and/or reproducing apparatus in the transferring of the data to the information storage medium,

wherein when the information storage medium is operable in a drive following an older version of standards, the information storage medium stores information about an optimal writing pattern, which~~The information storage medium of claim 2, wherein information about the optimal writing pattern is recorded in one of the same byte as the byte in which the compatibility~~ information is recorded and a byte different from the byte in which the compatibility information is recorded.

10. (CURRENTLY AMENDED) The information storage medium of claim 9, wherein, when the information about the optimal ~~write~~writing pattern and the compatibility information are recorded in the same byte, they are recorded in a specified byte of the lead-in area.

11. (CURRENTLY AMENDED) A recordable information storage medium with respect to which a recording and/or reproducing apparatus transfers data, the information storage medium comprising:

a lead-in area;

a user data area; and

a lead-out area, wherein compatibility information about whether the information storage medium is compatible with a drive following a version of standards older than that of the information storage medium is recorded in at least one of the lead-in and lead-out areas and is used by the recording and/or reproducing apparatus in the transferring of the data to the information storage medium~~The information storage medium of claim 1,~~

wherein, when 00000000b is recorded in a specified byte, the information storage medium uses an n version of a standard and is not compatible with a drive following a version of the standard older than n, when 00000001b is recorded in the specified byte, the information storage medium uses the n version of the standard and is compatible with a drive following a version of the standard older than the n version and the optimal writing pattern is a first writing pattern type, when 00000010b is recorded in the specified byte, the information storage medium uses the n version of the standard and is compatible with a drive following a version of the standard older than n and the optimal writing pattern is a second writing pattern type, and when 00000011b is recorded in the specified byte, the information storage medium uses the n version of the standard and is compatible with a drive following a version of the standard older than n and the optimal writing pattern is a third writing pattern type.

12. (CURRENTLY AMENDED) The information storage medium of claim 1, wherein the lead-in area includes:

a disk-control data zone which stores ~~disk-related~~ information;

a disk-test zone which stores information used to test an information storage medium;

a drive test zone which stores information used to test ~~a~~ the drive;

a defect management zone which stores information used to remove a defect generated on the information storage medium; and

a reserved area.

13. (ORIGINAL) The information storage medium of claim 12, wherein the lead-in area further includes first and second buffer zones.

14. (ORIGINAL) The information storage medium of claim 13, wherein the lead-in area is divided into a reproduction-only area and a recordable area.

15. (CURRENTLY AMENDED) The information storage medium of claim 14, wherein the first buffer zone and the disk-control data zone are included in the reproduction-only area.

16. (CURRENTLY AMENDED) The information storage medium of claim 15, wherein the disk-test zone, the drive test zone, the defect management zone, the reserved zone, and the second buffer zone are included in the recordable area.

17. (ORIGINAL) The information storage medium of claim 12, wherein the information about writing patterns includes at least one of a recording speed, a reproduction power, an initial pulse time (T_{top}) of a recording pattern, a multi-pulse time (T_{mp}) of a recording pattern, a cooling pulse time of a recording pattern, a writing power (P_w), an erasing power (P_e), and a bias power (P_b).

18. (CURRENTLY AMENDED) A recordable information storage medium with respect to which a recording and/or reproducing apparatus, including a drive following a version of standards that is older than that of the information storage medium, transfers-records data, the information storage medium recording-medium-comprising:

- a lead-in area;
- a user data area; and
- a lead-out area,

wherein information₁ about which one of a multi-pulse write strategy and a single-pulse write strategy is used to record the data to the information storage medium, is recorded in at least one of the lead-in and lead-out areas, and wherein the information comprises detected strategy information that allows a the drive following an older version of standards to record and/or reproduce the data with respect to the information storage medium following a new version of standards.

19. (ORIGINAL) The information storage medium of claim 18, wherein at least one of the lead-in and lead-out areas includes a reproduction-only area, and the strategy information is recorded in the reproduction-only area.

20. (CURRENTLY AMENDED) The information storage medium of claim 19, wherein the reproduction-only area is a ~~disk-control data zone~~ which stores ~~disk-related~~ information used to control the information storage medium.

21. (ORIGINAL) The information storage medium of claim 19, wherein the strategy information is reproduced as one of a sum signal and a differential signal.

22. (ORIGINAL) The information storage medium of claim 18, wherein at least one of the lead-in and lead-out areas includes a recordable area, and the strategy information is recorded in the recordable area.

23. (ORIGINAL) The information storage medium of claim 22, wherein the strategy information is reproduced as a sum signal.

24. (CURRENTLY AMENDED) A recordable information storage medium with respect to which a recording and/or reproducing apparatus, including a drive following an older version of standards than that of the information storage medium, transfers records data, the information storage medium ~~recording medium~~ comprising:

- a lead-in area;
- a user data area; and
- a lead-out area,

wherein information about an optimal writing pattern is recorded in at least one of the lead-in and lead-out areas, and wherein the information about the optimal writing patterns allows a ~~the drive following an older version of standards to record and/or reproduce data with respect to the information storage medium following a new version of standards.~~

25. (ORIGINAL) The information storage medium of claim 24, wherein at least one of the lead-in and lead-out areas includes a reproduction-only area, and the information about the optimal writing pattern is recorded in the reproduction-only area.

26. (CURRENTLY AMENDED) The information storage medium of claim 25, wherein the reproduction-only area is a ~~disk-control data zone~~ included in the lead-in area to store ~~disk-related~~ information.

27. **(ORIGINAL)** The information storage medium of claim 25, wherein the information about the optimal writing pattern is reproduced as one of a sum signal and a differential signal.

28. **(PREVIOUSLY PRESENTED)** The information storage medium of claim 24, wherein at least one of the lead-in and lead-out areas includes a recordable area, and wherein the information about the optimal writing pattern is recorded in the recordable area.

29. **(ORIGINAL)** The information storage medium of claim 28, wherein the lead-in area includes a recordable reserved area, and the information about the optimal writing pattern is recorded in the recordable reserved area.

30. **(ORIGINAL)** The information storage medium of claim 28, wherein the information about the optimal writing pattern is reproduced as a sum signal.

31. **(ORIGINAL)** The information storage medium of claim 24, wherein the information about the optimal writing pattern is recorded as a combination of bits.

32. **(ORIGINAL)** The information storage medium of claim 24, wherein the information about the optimal writing pattern is recorded together with information about a recording speed of the information storage medium.